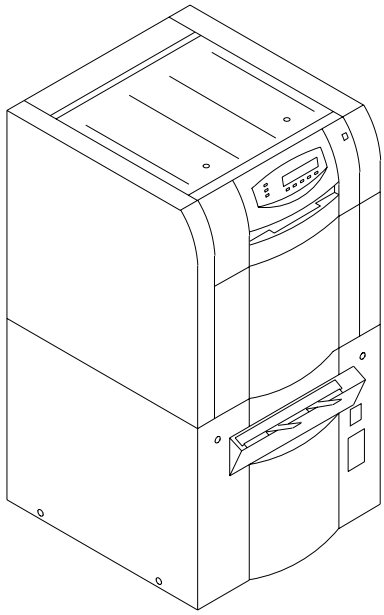
Publication No. 1F8363
15MAY03

INSTALLATION INSTRUCTIONS
for the
FILM FLIP MECHANISM
for the
Kodak MINILOADER 2000P
Service Code: 3479

Important
Qualified service personnel must do this installation.



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HEALTH IMAGING

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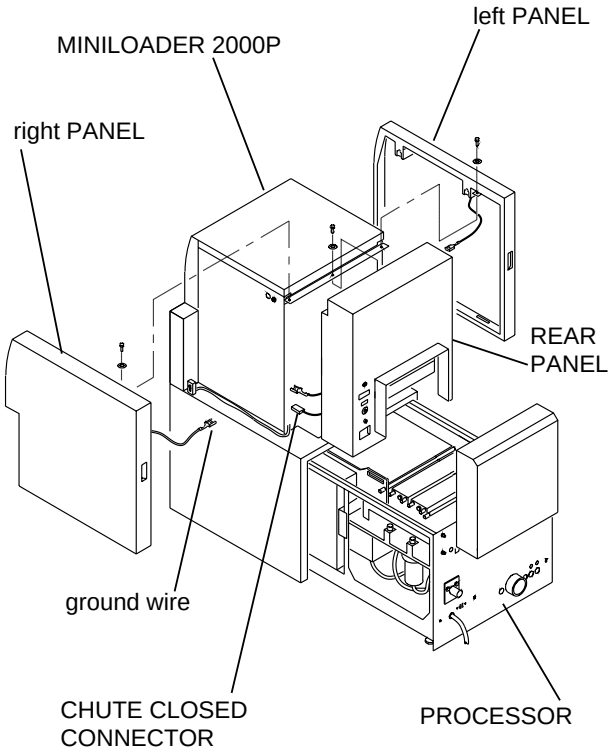
This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Section 1: Packing List

Part No.	Description	Quantity
Catalog No. 722 3068	FILM FLIP MECHANISM	1
1F8363	INSTALLATION INSTRUCTIONS	1
---	INNER REAR PANEL	1

Section 2: Installation

Installing the FILM FLIP MECHANISM



Important

- For the *Kodak* MINILOADER 2000P with a serial number < 6000, you must complete Steps 1- 2 only.
- To order replacement parts for the MINILOADER 2000P, see the SUPPLEMENT to the INSTALLATION INSTRUCTIONS II3477-04, September 2000: Part 2, Pages 14-15.
- The FILM FLIP MECHANISM enables the MINILOADER 2000P to use the function “SERIAL UNLOADING” with the *Kodak* MINILOADER 2000 LIGHTWEIGHT RECEIVE MAGAZINE.

[1] What is the serial number?

< 6000	> 7000
Do Step 2 only.	Advance to Step 3.

[2] Install the FILM FLIP MECHANISM. See the SUPPLEMENT to the INSTALLATION INSTRUCTIONS II3477-04, September 2000.

Section	Procedure
Part 1	Pages 5-13

Warning

Dangerous Voltage

[3] De-energize the MINILOADER 2000P.

[4] Disconnect the main power.

[5] Move the MINILOADER forward from the PROCESSOR.

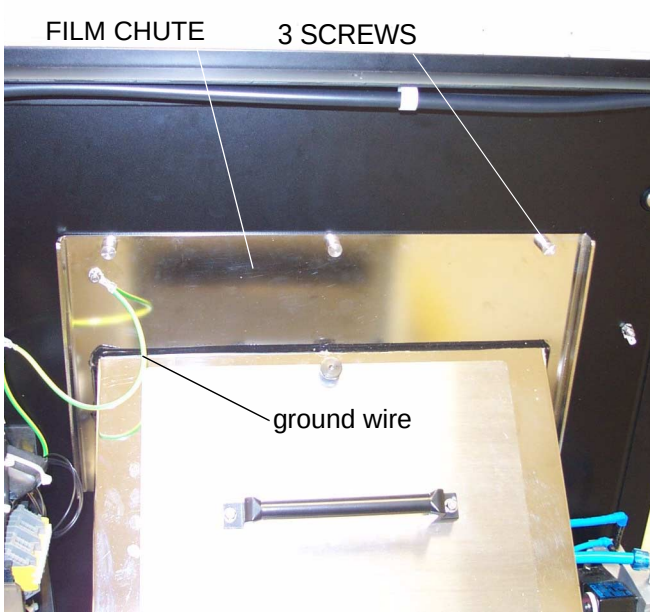
Important

For each PANEL that you remove in Step 6, you must also disconnect the corresponding ground wire.

[6] Remove:

- left PANEL
- right PANEL
- REAR PANEL

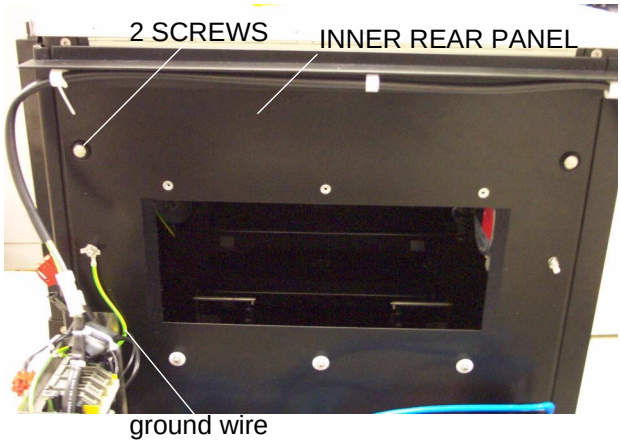
[7] Disconnect the CHUTE CLOSED CONNECTOR.



[8] Loosen the 3 SCREWS.

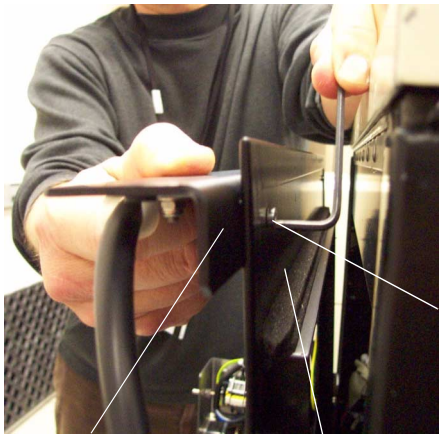
[9] Disconnect the ground wire.

[10] Remove and discard the FILM CHUTE.



[11] Disconnect the ground wire.

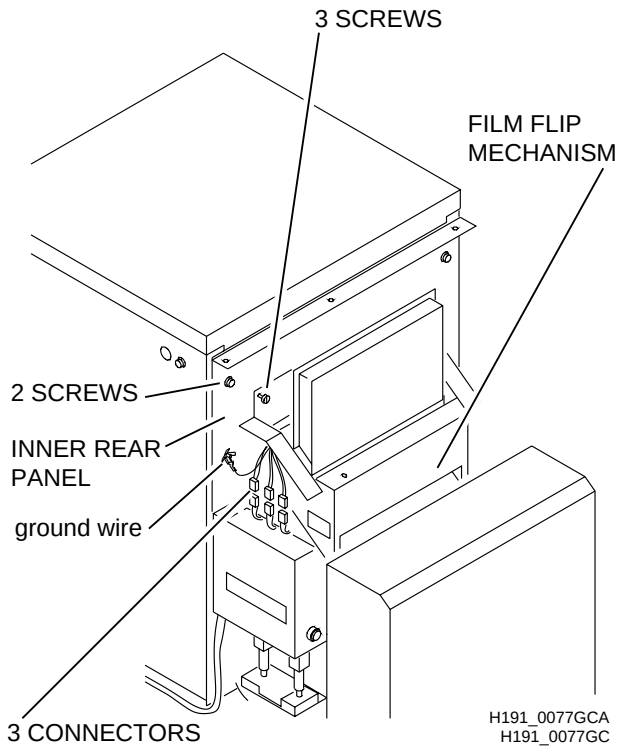
[12] Loosen the 2 SCREWS on the INNER REAR PANEL.



[13] Remove the 2 SCREWS from the ANGLE BRACKET.

[14] Remove and discard the existing INNER REAR PANEL.

[15] Install the new INNER REAR PANEL. Reverse the sequence of the Steps 11 - 13.



[16] Remove the packing material from the FILM FLIP MECHANISM.

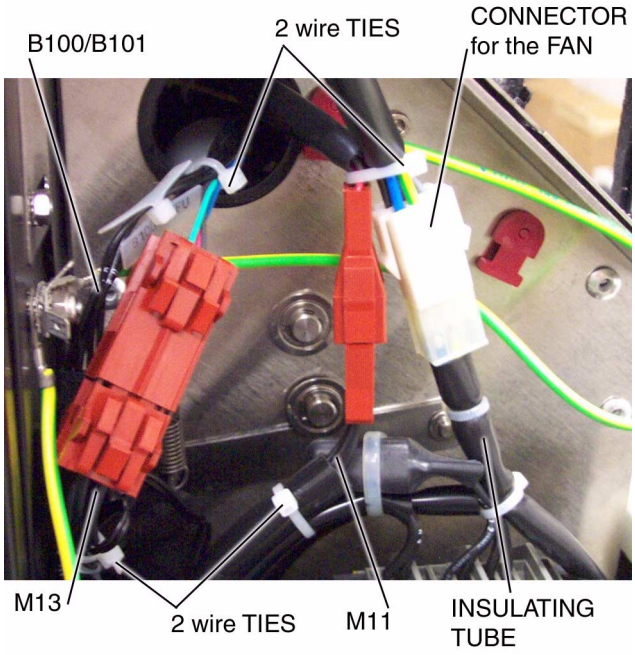
[17] Install the FILM FLIP MECHANISM.

[18] Tighten the 3 SCREWS.

[19] Connect the ground wire.

[20] Connect the 3 CONNECTORS:

CONNECTOR	Color	Component
B100/B101	black	SENSORS
M13	red	STEPPER MOTOR
M11	red	FLAP MOTOR



Warning

- Dangerous Voltage
- The CONNECTORS and wires external to the INSULATING TUBE of M11 and the FAN must not touch the CONNECTORS and wires of B100/B101 and M13.
- When the main power is connected, the CONNECTORS and wires of M11 and the FAN will be at a high voltage compared with the low voltage of the CONNECTORS and wires B100/B101 and M13.

[21] Use 4 wire TIES to correctly fasten the electrical connections.

[22] Reverse the sequence of the Steps 5 - 7.

[23] Do the safety tests:

- The “Ground Resistance Test” is < 0.1 Ω between the GROUND CONDUCTOR of the POWER CORD and all components connected to ground that the customer can touch.
- The “Insulation Resistance Test” is > 2 MΩ.

Warning

Dangerous Voltage

[24] Connect the main power.

[25] Energize the equipment.

[26] Connect the LAPTOP to the MINILOADER 2000P.

[27] Start the “*Kodak* MINILOADER 2000 / 2000P Service Software” application.

[28] Click:

- [Service Miniloader]
- [Change Miniloader Data]
- [Change Parameter]

[29] Change the “Miniloader Type” from 01H to 03H.

Note

The “Status Messages” at the bottom of the menu indicates the “Miniloader Type”:

- “01H: ML2000P (Processor)”
- “03H: ML2000P / Flip (Processor)”

[30] Click [Store Parameter].

[31] Do the steps indicated on the screen. Click [OK].

[32] Exit the Service Software and disconnect the LAPTOP.

Checking the Operation

[1] Place test films in a LIGHTWEIGHT RECEIVE MAGAZINE.

[2] Open the FRONT DOOR.

[3] Insert the LIGHTWEIGHT RECEIVE MAGAZINE.

[4] Close the FRONT DOOR.

[5] Check that the DISPLAY indicates either “24X30 CM R SU” or “18X24 CM R SU”.

[6] Press [SERIAL].

[7] Insert the CASSETTE that matches the size displayed in Step 5.

Important

Correct operation occurs when the MINILOADER 2000P ejects the CASSETTE and displays the message “SERIAL UNLOADING FINISHED”.

[8] When the message “SERIAL UNLOADING FINISHED” appears, open the FRONT DOOR.

[9] Remove the LIGHTWEIGHT RECEIVE MAGAZINE.

[10] Close the FRONT DOOR.

[11] Feed film into the MINILOADER 2000P and check that no artifacts occur.

[12] Instruct the customer on the correct operation of the FILM FLIP MECHANISM.

Publication History

Publication Date	Publication No.	ECO No.	Changed Pages	File Name	Notes
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